

IN THE CLAIMS

Please cancel claims 19 - 21.

Please amend the claims to read as indicated herein.

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1. (Currently amended) A method for enabling improved access to data stored in a log of a computer memory system, said computer memory system having multiple copies of said log comprising a primary log and a secondary log, each log storing data transactions with a database system stored on said computer memory system, the method comprising the steps of:

- a) responding to a process request ~~for access to~~ to read a log, by determining a parameter indicative of demand for access to read one of said copies of said log; and
- b) assigning the process to another of said copies of the log if said parameter has reached a threshold value.

2. (Original) The method as recited in claim 1, wherein said one of said copies of the log is the primary log.

3. (Original) The method as recited in claim 2, wherein said parameter is a count of the processes assigned to the primary log.

4. (Original) The method as recited in claim 3 wherein, when said count of processes assigned to the primary log reaches a predetermined threshold, step b) distributes new process assignments to both the primary log and secondary log in an attempt to balance work of the respective logs.

5. (Original) The method as recited in claim 3 wherein, when said count of processes assigned to the primary log reaches a predetermined threshold, step b)

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alternates new process assignments to the primary log and the secondary log in an attempt to balance work of the respective logs.

6. (Original) The method as recited in claim 2, wherein said parameter is a count of requests that have been queued to the primary log.

7. (Currently amended) A memory media including instructions for controlling a computer to enable improved access to data stored in a log of said computer's memory system, said memory system having multiple copies of said log comprising a primary log and a secondary log, each log storing data transactions with a database system stored on said memory system, the memory media comprising:

- a) means for controlling said computer to respond to a process request ~~for access to~~ to read a log, by determining a parameter indicative of demand for access to read one of said copies of said log; and
- b) means for controlling said computer to assign the process to another of said copies of the log if said parameter has reached a threshold value.

8. (Original) The memory media as recited in claim 6, wherein said one of said copies of the log is the primary log.

9. (Original) The memory media as recited in claim 7, wherein said parameter is a count of the processes assigned to the primary log.

10. (Original) The memory media as recited in claim 8, wherein when said count of processes assigned to the primary log reaches a predetermined threshold, means b) controls said computer to distribute new process assignments to both the primary log and secondary log in an attempt to balance work of the respective logs.

11. (Currently amended) The memory media as recited in claim 8, wherein when said count of processes assigned to the primary log reaches a predetermined threshold,

means b) controls said computer to ~~alternates~~ alternate new process assignments to the primary log and the secondary log in an attempt to balance work of the respective logs.

12. (Original) The memory media as recited in claim 7, wherein said parameter is a count of requests that have been queued to the primary log.

13. (Currently amended) A computer system that enables improved access to data stored in a log of said computer's memory system, said memory system having multiple copies of said log comprising a primary log and a secondary log, each log storing data transactions with a database system stored on said memory system, the computer system further comprising:

- a) means for determining a parameter indicative of demand ~~for access to~~ to read one of said copies of said log; and
- b) logging means responsive to a process request ~~for access to~~ to read a log, by assigning the process to another of said copies of the log if said parameter has reached a threshold value.

14. (Original) The computer system as recited in claim 13, wherein said one of said copies of the log is the primary log.

15. (Original) The computer system as recited in claim 13, wherein said parameter is a count of the processes assigned to the primary log.

16. (Original) The computer system as recited in claim 13, wherein said logging means, when said count of processes assigned to the primary log reaches a predetermined threshold, distributes new process assignments to both the primary log and secondary log in an attempt to balance work of the respective logs.

17. (Original) The computer system as recited in claim 13, wherein said logging means, when said count of processes assigned to the primary log reaches a predetermined

threshold, alternates new process assignments to the primary log and the secondary log in an attempt to balance work of the respective logs.

18. (Original) The computer system as recited in claim 13, wherein said parameter is a count of requests that have been queued to the primary log.

19. (Canceled)

20. (Canceled)

21. (Canceled)